




## MODULE



## G

***This module is directed toward anesthesiologists, nurse anesthetists, and others who administer anesthesia as a gas.***

1. During your career (including all jobs at this and other facilities), how long have you been administering anesthesia as a gas?
  - ☐ Less than 6 months
  - ☐ At least 6 months but less than a year
  - ☐ 1-5 years
  - ☐ 6-10 years
  - ☐ 11-20 years
  - ☐ More than 20 years
  
2. When have you received formal training at this facility on procedures for the safe handling of anesthetic gases?  
**Please ✓ all that apply.**
  - ☐ During orientation for your current job or task
  - ☐ Once, but not at orientation
  - ☐ Periodically, but less than once per year
  - ☐ At least annually (i.e., one or more times every year)
  - ☐ Other (Please specify): \_\_\_\_\_
  - ☐ Never received training at this facility
  
3. Have you seen written policies or standard procedures at this facility for working with anesthetic gases?
  - ☐ Yes
  - ☐ No
  
4. At any time in the **past 7 calendar days** did you administer anesthesia as a gas?
  - ☐ Yes
  - ☐ No  **Skip to Question 30.**
  
5. During the past 7 calendar days, which of the following anesthetic gases did you administer? **Please ✓ all that apply.**
  - ☐ Desflurane
  - ☐ Enflurane
  - ☐ Halothane
  - ☐ Isoflurane
  - ☐ Nitrous oxide
  - ☐ Sevoflurane
  - ☐ Other anesthetic gases (Please specify):
    1. \_\_\_\_\_
    2. \_\_\_\_\_

6. During the past 7 calendar days, how many days did you administer anesthesia as a gas? Number of days.....  
(Please write a number from 1-7)
7. During the past 7 calendar days, how much total time did you spend administering anesthesia as a gas? *(Include only the time these gases were actually being administered.)*
- ☐ Less than 1 hour  
☐ 1-10 hours  
☐ 11-20 hours  
☐ 21-30 hours  
☐ 31-40 hours  
☐ More than 40 hours
8. How does the total amount of time you spent administering anesthesia as a gas during the past 7 calendar days compare with most weeks?
- ☐ Past 7 days were about normal  
☐ Past 7 days were less than normal  
☐ Past 7 days were greater than normal
9. During the past 7 calendar days, what was the total number of times you administered anesthesia as a gas?
- ☐ 1 time  
☐ 2-3 times  
☐ 4-5 times  
☐ 6-10 times  
☐ More than 10 times
10. During the past 7 calendar days, in which of the following areas of this facility did you **ever** administer anesthesia as a gas? **Please ✓ all that apply.**
- ☐ a. Operating room  
☐ b. Specialty suite or lab  
☐ c. Outpatient clinic  
☐ d. Medical office  
☐ e. Dental office  
☐ f. Some other location (Please specify): \_\_\_\_\_
- 10A. From the location(s) checked above, please write the **letter** (a, b, c, etc.) corresponding to the area where you most often administered anesthesia as a gas during the past 7 calendar days. Area most often administered .....

11. During the past 7 calendar days, did you administer anesthesia as a gas to **adult** patients? (*We consider adult patients to be 13 years of age or older.*)
- ☐ Yes  
☐ No  **Skip to Question 15.**
12. During the past 7 calendar days, to how many **adult** patients did you administer anesthesia as a gas **starting with a face mask and then switching to an airway device** (i.e., endotracheal tube, tracheostomy tube or laryngeal mask)?
- ☐ None  
☐ 1-2 adults  
☐ 3-4 adults  
☐ 5-9 adults  
☐ 10-20 adults  
☐ 21-40 adults  
☐ More than 40 adults
13. During the past 7 calendar days, to how many **adult** patients did you administer anesthesia as a gas **using only a face mask** throughout the entire period?
- ☐ None  
☐ 1-2 adults  
☐ 3-4 adults  
☐ 5-9 adults  
☐ 10-20 adults  
☐ 21-40 adults  
☐ More than 40 adults
14. During the past 7 calendar days, to how many **adult** patients did you administer anesthesia as a gas **using only an airway device** throughout the entire period (i.e., endotracheal tube, tracheostomy tube or laryngeal mask)?
- ☐ None  
☐ 1-2 adults  
☐ 3-4 adults  
☐ 5-9 adults  
☐ 10-20 adults  
☐ 21-40 adults  
☐ More than 40 adults
15. During the past 7 calendar days, did you administer anesthesia as a gas to **pediatric** patients? (*We consider pediatric patients to be 12 years of age or younger.*)
- ☐ Yes  
☐ No  **Skip to Question 19.**
16. During the past 7 calendar days, to how many **pediatric** patients did you administer anesthesia as a gas **starting with a face mask and then switching to an airway device** (i.e., endotracheal tube, tracheostomy tube or laryngeal mask)?
- ☐ None  
☐ 1-2 children  
☐ 3-4 children  
☐ 5-9 children  
☐ 10-20 children  
☐ 21-40 children  
☐ More than 40 children

17. During the past 7 calendar days, to how many **pediatric** patients did you administer anesthesia as a gas **using only a face mask** throughout the entire period?
- ☐ None
  - ☐ 1-2 children
  - ☐ 3-4 children
  - ☐ 5-9 children
  - ☐ 10-20 children
  - ☐ 21-40 children
  - ☐ More than 40 children
18. During the past 7 calendar days, to how many **pediatric** patients did you administer anesthesia as a gas **using only an airway device** throughout the entire period (i.e., endotracheal tube, tracheostomy tube or laryngeal mask)?
- ☐ None
  - ☐ 1-2 children
  - ☐ 3-4 children
  - ☐ 5-9 children
  - ☐ 10-20 children
  - ☐ 21-40 children
  - ☐ More than 40 children
19. During the past 7 calendar days, how often was a scavenging system used when you administered anesthesia as a gas?
- ☐ Always
  - ☐ Sometimes
  - ☐ Never
  - ☐ System not available
20. During the past 7 calendar days, did you **personally** fill the vaporizer?
- ☐ Yes
  - ☐ No  **Skip to Question 23.**
21. During the past 7 calendar days, how often did you fill the vaporizer by pouring directly from the bottle?
- ☐ Always
  - ☐ Sometimes
  - ☐ Never
  - ☐ System not available
22. During the past 7 calendar days, how often did you fill the vaporizer using a specialized "key-fill" spout?
- ☐ Always
  - ☐ Sometimes
  - ☐ Never
  - ☐ System not available
23. During the past 7 calendar days, did you administer anesthesia as a gas in a **dental clinic or operatory**?
- ☐ Yes
  - ☐ No  **Skip to Question 26.**

24. During the past 7 calendar days while administering anesthetic gases in a dental clinic or operator, how often did you use a patient nasal hood?
- ☐ Always  
☐ Sometimes  
☐ Never  
☐ System not available
25. During the past 7 calendar days, while administering anesthetic gases in a dental clinic or operator, how often did you use a free standing auxiliary local exhaust system in conjunction with the scavenging system?
- ☐ Always  
☐ Sometimes  
☐ Never  
☐ System not available
26. During the past 7 calendar days, what was the typical amount of time you spent **each day** working with patients in a Post Anesthesia Care Unit (PACU) or primary Surgical Recovery Unit (SRU)?
- ☐ None  
☐ Less than 30 minutes  
☐ 30-60 minutes  
☐ 1-4 hours  
☐ 5-8 hours  
☐ More than 8 hours

The following questions pertain to the use of personal protective equipment (PPE) during the administration of anesthetic gases.

27. During the past 7 calendar days, how often did you wear **respiratory protection**, not including a surgical mask, while administering anesthetic gases?
- ☐ Always  
☐ Sometimes  
☐ Never
- ➔ Skip to Question 29.
28. What type(s) of respirator(s), not including a surgical mask, did you use?  
Please ✓ all that apply.
- ☐ Half mask or full-face piece respirator with replaceable cartridges  
☐ Powered air-purifying respirator (PAPR)  
☐ Supplied-air respirator  
☐ Don't know



During the past 7 calendar days, if you ALWAYS wore respiratory protection, not including a surgical mask while administering anesthetic gases, skip to Question 30.

29. What were the reason(s) you did not always wear **respiratory protection**, not including a surgical mask, while administering anesthetic gases?

Please ✓ all that apply.

- ☐ 1. Potential for exposure to anesthetic gases is insignificant
- ☐ 2. Exposure to anesthetic gases is possible but the health hazard is insignificant
- ☐ 3. An engineering control (e.g., exhaust ventilation or an enclosure) is already being used
- ☐ 4. Not required by employer
- ☐ 5. Not provided by employer
- ☐ 6. Not standard practice
- ☐ 7. Too uncomfortable or difficult to use
- ☐ 8. Not readily or always available in work area
- ☐ 9. Concerned about raising the patient's anxiety.
- ☐ 10. Other (Please specify): \_\_\_\_\_

- 29A. From the reason(s) checked above, please write the number (1, 2, 3, etc.) of the one **most important reason** you did not always wear **respiratory protection** while administering anesthetic gases.

Most important reason .....

**You have now completed this module.  
Thank you.**